



National Weather Service

Storm Data and Unusual Weather Phenomena



July 1998

| Location | Date | Time Local/ Standard | Path Length (Miles) | Path Width (Yards) | Number of Persons Killed | Number of Persons Injured | Estimated Damage Property | Estimated Damage Crops | Character of Storm |
|--|------|----------------------------|--|--------------------------|--------------------------------|---------------------------------|---------------------------------|------------------------------|------------------------|
| <u>MINNESOTA, Central and South Central</u> | | | | | | | | | |
| Todd County | | | | | | | | | |
| Long Prairie | 14 | 1645CST | | | 0 | 0 | | | Thunderstorm Wind (50) |
| | | | Trees blown down. Estimated windspeed. | | | | | | |
| Morrison County | | | | | | | | | |
| Belle Prairie | 14 | 1647CST | | | 0 | 0 | | | Thunderstorm Wind (50) |
| | | | Tree limbs blown down. Estimated windspeed. | | | | | | |
| Douglas County | | | | | | | | | |
| Melby | 14 | 1725CST 1815CST | | | 0 | 0 | | | Hail(1.00) |
| Douglas County | | | | | | | | | |
| 2 NE Forada | 14 | 1815CST | | | 0 | 0 | | | Thunderstorm Wind (50) |
| | | | Trees blown down. Estimated windspeed. | | | | | | |
| Stevens County | | | | | | | | | |
| Morris | 14 | 1845CST | | | 0 | 0 | | | Thunderstorm Wind (50) |
| | | | Tree blown down on University campus. Estimated windspeed. | | | | | | |
| Pope County | | | | | | | | | |
| Glenwood | 14 | 1900CST 2200CST | | | 0 | 0 | | | Flash Flood |
| | | | Street and basement flooding. | | | | | | |
| Pope County | | | | | | | | | |
| Glenwood | 14 | 1910CST | | | 0 | 0 | | | Thunderstorm Wind (50) |
| | | | Trees blown down. Estimated windspeed. | | | | | | |
| Swift County | | | | | | | | | |
| Benson | 14 | 1920CST | | | 0 | 0 | | | Thunderstorm Wind (50) |
| | | | Trees blown down. Estimated windspeed. | | | | | | |
| Kandiyohi County | | | | | | | | | |
| Willmar | 14 | 1935CST | | | 0 | 0 | | | Thunderstorm Wind (50) |
| | | | Trees blown down. Estimated windspeed. | | | | | | |
| Kandiyohi County | | | | | | | | | |
| Raymond | 14 | 1940CST | | | 0 | 0 | | | Thunderstorm Wind (50) |
| | | | Tree blown down. Estimated windspeed. | | | | | | |
| Kandiyohi County | | | | | | | | | |
| Blomkest | 14 | 2014CST | 0.1 | 50 | 0 | 0 | | | Tornado (F0) |
| Chippewa County | | | | | | | | | |
| Montevideo | 14 | 2028CST | | | 0 | 0 | | | Thunderstorm Wind (50) |
| | | | Power outages. Large branches down. Estimated windspeed. | | | | | | |
| Renville County | | | | | | | | | |
| Sacred Heart | 14 | 2040CST | | | 0 | 0 | | | Thunderstorm Wind (55) |
| | | | Street lamps blown over. Estimated windspeed. | | | | | | |
| Anoka County | | | | | | | | | |
| Fridley | 14 | 2100CST | | | 0 | 0 | | | Thunderstorm Wind (50) |
| | | | Tree blown down along East River Rd. Estimated windspeed. | | | | | | |
| Yellow Medicine County | | | | | | | | | |
| Clarkfield | 14 | 2100CST | | | 0 | 0 | | | Thunderstorm Wind (61) |
| Yellow Medicine County | | | | | | | | | |
| Granite Falls | 14 | 2101CST | | | 0 | 0 | | | Thunderstorm Wind (60) |
| | | | Trees and power lines blown down. Estimated windspeed. | | | | | | |
| Yellow Medicine County | | | | | | | | | |
| Echo | 14 | 2110CST | | | 0 | 0 | | | Hail(0.75) |



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| <u>MINNESOTA, Central and South Central</u> | | | | | | | | | |
| Hennepin County | | | | | | | | | |
| Minnetonka | 14 | 2113CST | | | 0 | 0 | | | Thunderstorm Wind (51) |
| Hennepin County | | | | | | | | | |
| Mound | 14 | 2118CST | | | 0 | 0 | | | Thunderstorm Wind (70) |
| | | | Trees and power lines blown down. | | | | | | |
| Carver County | | | | | | | | | |
| Waconia | 14 | 2125CST | | | 0 | 0 | | | Thunderstorm Wind (60) |
| | | | Golf dome blown down and deflated. Estimated windspeed. | | | | | | |
| Ramsey County | | | | | | | | | |
| Vadnais Hgts | 14 | 2125CST | | | 0 | 0 | | | Thunderstorm Wind (55) |
| | | | Trees blown down. Estimated windspeed. | | | | | | |
| Scott County | | | | | | | | | |
| Shakopee | 14 | 2135CST | | | 0 | 0 | | | Thunderstorm Wind (50) |
| | | | Large branches and power lines down. Also reported in Savage. Estimated windspeed. | | | | | | |
| Dakota County | | | | | | | | | |
| Apple Vly | 14 | 2140CST | | | 0 | 0 | | | Thunderstorm Wind (50) |
| | | | Trees blown down. Estimated windspeed. | | | | | | |
| Washington County | | | | | | | | | |
| Afton | 14 | 2150CST | | | 0 | 0 | | | Thunderstorm Wind (50) |
| | | | Trees and power lines down. Estimated windspeed. | | | | | | |
| Brown County | | | | | | | | | |
| Comfrey | 14 | 2220CST | | | 0 | 0 | | | Thunderstorm Wind (60) |
| | | | House under construction blown down. Large trees blown down. Estimated windspeed. | | | | | | |
| Kandiyohi County | | | | | | | | | |
| Willmar | 14 | 2300CST | | | 0 | 0 | | | Lightning |
| | | | House destroyed by fire caused by lightning strike. | | | | | | |
| Faribault County | | | | | | | | | |
| Minnesota Lake | 14 | 2330CST | | | 0 | 0 | | | Thunderstorm Wind (50) |
| | | | Trees down. Estimated windspeed. | | | | | | |
| Martin County | | | | | | | | | |
| Fairmont | 14 | 2330CST | | | 0 | 0 | | | Thunderstorm Wind (50) |
| | | | Garage roof partially torn off. Trees down. Estimated windspeed. | | | | | | |
| Redwood County | | | | | | | | | |
| Wabasso | 18 | 2100CST | | | 0 | 0 | | | Thunderstorm Wind (52) |
| Redwood County | | | | | | | | | |
| Walnut Grove | 18 | 2100CST | | | 0 | 0 | | | Thunderstorm Wind (52) |
| Watonwan County | | | | | | | | | |
| Lewisville | 18 | 2150CST 2330CST | | | 0 | 0 | | | Thunderstorm Wind (50) |
| | | | Trees blown down. Estimated windspeed. | | | | | | |
| Martin County | | | | | | | | | |
| 9 N Fairmont | 18 | 2203CST | | | 0 | 0 | | | Thunderstorm Wind (50) |
| | | | Trees and power lines down. Estimated windspeed. | | | | | | |
| Rice County | | | | | | | | | |
| Dundas | 18 | 2230CST | | | 0 | 0 | | | Thunderstorm Wind (50) |
| | | | Power lines blown down. Estimated windspeed. | | | | | | |
| Rice County | | | | | | | | | |
| 15 SW Faribault | 18 | 2230CST | | | 0 | 0 | | | Thunderstorm Wind (50) |
| | | | Trees blown down. Estimated windspeed. | | | | | | |



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| <u>MINNESOTA, Central and South Central</u> | | | | | | | | | |
| | | | | | | | | | |
| Le Sueur County | | | | | | | | | |
| Elysian | 18 | 2245CST | | | 0 | 0 | | | Thunderstorm Wind (50) |
| | | | Large branches and a power line down. Estimated windspeed. | | | | | | |
| Redwood County | | | | | | | | | |
| 8 S Milroy | 20 | 0930CST | | | 0 | 0 | | | Hail(1.75) |
| | | | Large swath of hail damage across southern Redwood county. | | | | | | |
| Redwood County | | | | | | | | | |
| 3 NW Lamberton | 20 | 0949CST | | | 0 | 0 | | | Hail(0.75) |
| Redwood County | | | | | | | | | |
| Sanborn | 20 | 0955CST | | | 0 | 0 | | | Thunderstorm Wind (52) |
| | | | Roof ripped off bldg. Severe hail damage to areas across southern Redwood county. | | | | | | |
| Brown County | | | | | | | | | |
| Comfrey | 20 | 1000CST | | | 0 | 0 | | | Thunderstorm Wind (60) |
| | | | New building construction blown down. Power poles snapped. Estimated windspeed. | | | | | | |
| Redwood County | | | | | | | | | |
| Clements | 20 | 1000CST | | | 0 | 0 | | | Thunderstorm Wind (65) |
| | | | Power lines down. Estimated windspeed. | | | | | | |
| Redwood County | | | | | | | | | |
| 3 NW Clements | 20 | 1000CST | | | 0 | 0 | | | Thunderstorm Wind (65) |
| | | | Trees blown onto houses and vehicles. Estimated windspeed. | | | | | | |
| Brown County | | | | | | | | | |
| Springfield | 20 | 1008CST | | | 0 | 0 | | | Thunderstorm Wind (75) |
| | | | Roof torn off several homes and businesses. Plate glass windows blown out of auto dealership. Torrential rainfall also resulted in street flooding. Estimated windspeed. | | | | | | |
| Watonwan County | | | | | | | | | |
| Darfur | 20 | 1015CST | | | 0 | 0 | | | Thunderstorm Wind (55) |
| | | | Large branches down. Estimated windspeed. | | | | | | |
| Brown County | | | | | | | | | |
| New Ulm | 20 | 1040CST | | | 0 | 0 | 7M | 4M | Thunderstorm Wind (83) |
| | | | 4,000 trees blown down. 10 businesses lost portions of their roof. Mobile home destroyed. Maintenance hangar at airport destroyed, damaging several airplanes. 400 ft TV tower blown down. Poultry bldg levelled at fairgrounds. Reception hall lost its roof. Large trees blown down at local cemeteries. The statue of Hermann the German damaged. Estimated 5% of crops or about 50,000 acres in county destroyed. Damage estimate for entire county. | | | | | | |
| Brown County | | | | | | | | | |
| 1 SW New Ulm | 20 | 1040CST | | | 0 | 0 | | | Thunderstorm Wind (80) |
| | | | Windows blown out at Flandreau State Park Bldg. 300 trees down. Two trees blown onto camper. Estimated windspeed. | | | | | | |
| Nicollet County | | | | | | | | | |
| 2 N Courtland | 20 | 1050CST | | | 0 | 0 | | | Thunderstorm Wind (80) |
| | | | Garages and barns destroyed. Estimated windspeed. | | | | | | |
| Nicollet County | | | | | | | | | |
| Courtland | 20 | 1050CST | | | 0 | 0 | | | Thunderstorm Wind (80) |
| | | | Grain elevator sustained extensive damage. Apartment building garage damaged. Firehall damaged. Trees down. Estimated windspeed | | | | | | |
| Nicollet County | | | | | | | | | |
| 2 N Courtland | 20 | 1050CST | | | 0 | 0 | | | Thunderstorm Wind (80) |
| | | | Extensive farm damage. Shed destroyed. Roof to chicken house blown off. Estimated windspeed | | | | | | |



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| | | | | | Killed | Injured | Property | Crops | |

MINNESOTA, Central and South Central

Nicollet County

1.5 SE Courtland **20** **1051CST** **0** **0** **Thunderstorm Wind (75)**
Roof torn off barn. Shed destroyed. Estimated windspeed.

Nicollet County

Nicollet **20** **1100CST** **0** **0** **4M** **8M** **Thunderstorm Wind (80)**
Roof torn off high school gymnasium resulting in water damage to floor. Garage walls blown down at pair of houses in northwestern part of town. High winds affected 100,000 to 115,000 acres across Nicollet county. 50,000 acres of crops severely damaged. Damage estimate for entire county. Estimated windspeed.

Nicollet County

2.5 N Nicollet **20** **1100CST** **0** **0** **Thunderstorm Wind (75)**
Hog barn destroyed. 500 acres of corn flattened.

Nicollet County

2 E Nicollet **20** **1104CST** **0** **0** **Thunderstorm Wind (80)**
Shingles off roof. Trees blown down. Estimated windspeed.

Blue Earth County

Lake Crystal **20** **1105CST** **0** **0** **Thunderstorm Wind (55)**
Trees blown down. Estimated windspeed.

Nicollet County

2.5 E Nicollet **20** **1105CST** **0** **0** **Thunderstorm Wind (80)**
Barns and sheds blown down. Estimated windspeed.

Nicollet County

St Peter **20** **1110CST** **0** **0** **Thunderstorm Wind (52)**
Trees blown down. New roof construction destroyed. Several homes and businesses had roof damage. Mobile homes damaged in Summit Park. Windows broken at Gustavus Adolphus College. Stronger wind gusts in surrounding areas.

Rice County

5 NW Morristown **20** **1125CST** **0** **0** **Thunderstorm Wind (55)**

Le Sueur County

Cleveland **20** **1130CST** **0** **0** **Thunderstorm Wind (65)**
Trees and power lines down.

Le Sueur County

Kasota **20** **1130CST** **0** **0** **Thunderstorm Wind (65)**
Trees and power lines down. Estimated windspeed.

Rice County

5 W Faribault **20** **1138CST** **0** **0** **Thunderstorm Wind (52)**
Trees down across county per sheriffs department.